

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"6211509".pn.	USPAT	OR	OFF	2008/01/22 00:17
L2	1	"6281533".pn.	USPAT	OR	OFF	2008/01/22 00:20
S1	163	(348/314).CCLS.	USPAT; USOCR	OR	OFF	2007/03/30 11:26
S2	94	S1 and barrier	USPAT	OR	OFF	2007/03/30 11:28
S3	77	S1 and (potential with barrier)	USPAT	OR	OFF	2007/03/30 11:29
S4	59	S1 and (potential with barrier) and overflow	USPAT	OR	OFF	2007/03/30 11:30
S5	29	S1 and (potential with barrier) with overflow	USPAT	OR	OFF	2007/03/30 11:46
S6	8	S1 and (potential with barrier) with in with overflow	USPAT	OR	OFF	2007/03/30 12:51
S7	1320	348/294	USPAT	OR	OFF	2007/03/30 12:51
S8	112	S7 and (potential with barrier)	USPAT	OR	OFF	2007/03/30 12:52
S9	48	S7 and (potential with barrier) and overflow	USPAT	OR	OFF	2007/03/30 12:53
S10	9	S7 and (potential with barrier) with (overflow adj5 (drain or channel))	USPAT	OR	OFF	2007/03/30 13:06
S11	2	S7 and (potential with barrier) with (overflow adj5 (drain or channel)) and amplify\$3	USPAT	OR	OFF	2007/03/30 13:06
S12	2	S7 and ((potential with barrier) with (overflow adj5 (drain or channel)) and amplify\$3)	USPAT	OR	OFF	2007/03/30 13:23
S13	32	S1 and 348/294	USPAT	OR	OFF	2007/03/30 13:23
S14	1320	348/294	USPAT	OR	OFF	2007/03/30 13:23
S15	32	S1 and S14	USPAT	OR	OFF	2007/03/30 13:23
S16	18	S15 and barrier	USPAT	OR	OFF	2007/03/30 13:29
S17	2	(overflow) adj5 formed adj5 (potential adj barrier)	USPAT	OR	OFF	2007/03/30 13:39
S18	2	(overflow) adj5 (formed or in) adj5 (potential adj barrier)	USPAT	OR	OFF	2007/03/30 13:40
S19	4	(overflow) adj5 (formed or in) adj5 (potential adj barrier)	US-PGPUB; USPAT	OR	OFF	2007/03/30 13:45
S20	25	(photoelectric adj conversion) with (potential adj barrier) with (overflow)	US-PGPUB; USPAT	OR	OFF	2007/03/30 13:47
S21	2	S20 and amplify\$3	US-PGPUB; USPAT	OR	OFF	2007/03/30 13:47

## EAST Search History

S22	0	S20 and amplifer	US-PGPUB; USPAT	OR	OFF	2007/03/30 13:47
S23	14	S20 and amplifier	US-PGPUB; USPAT	OR	OFF	2007/03/30 13:48
S24	0	S20 and (amplifier with transistor)	US-PGPUB; USPAT	OR	OFF	2007/03/30 13:48
S25	9	"258307"	USPAT	OR	OFF	2007/03/30 15:49
S26	5	"258307"	US-PGPUB	OR	OFF	2007/03/30 15:50
S27	0	"6180969"	US-PGPUB	OR	OFF	2007/03/30 15:50
S28	18	"6180969"	USPAT	OR	OFF	2007/03/30 15:50
S29	1	"6180969".pn.	USPAT	OR	OFF	2007/03/30 15:50
S30	163	348/314.ccls.	USPAT	OR	OFF	2007/03/30 16:43
S31	124	348/300.ccls.	USPAT	OR	OFF	2007/03/30 16:43
S32	5	"724763".ap.	USPAT	OR	OFF	2007/04/02 09:01
S33	0	"10724763".ap.	USPAT	OR	OFF	2007/04/02 09:01
S34	0	"9724763".ap.	USPAT	OR	OFF	2007/04/02 09:01
S35	0	"9724763".ap.	USPAT	OR	OFF	2007/04/02 09:01
S36	0	"09724763".ap.	USPAT	OR	OFF	2007/04/02 09:01
S37	5	"724763".ap.	USPAT	OR	OFF	2007/04/02 09:01
S38	4	"6778214"	USPAT	OR	OFF	2007/04/02 09:01
S39	1	"6778214".pn.	USPAT	OR	OFF	2007/04/02 09:01
S40	0	"6778214".pn. and amplify\$3	USPAT	OR	OFF	2007/04/02 09:02
S41	0	"6778214".pn. and amplify	USPAT	OR	OFF	2007/04/02 09:02
S42	0	"6778214".pn. and transistor	USPAT	OR	OFF	2007/04/02 09:02
S43	1	"6778214".pn. and potential	USPAT	OR	OFF	2007/04/02 09:06
S44	1100	348/308	USPAT	OR	OFF	2007/04/02 09:06
S45	57	S44 and (potential adj barrier)	USPAT	OR	OFF	2007/04/02 09:06
S46	52	S45 and (transistor)	USPAT	OR	OFF	2007/04/02 09:07
S47	19	S46 and overflow	USPAT	OR	OFF	2007/04/02 09:07
S48	14	S47 and amplif\$4	USPAT	OR	OFF	2007/04/02 09:08
S49	9	S44 and (potential adj barrier) and (overflow) and (amp\$8 with transistor)	USPAT	OR	OFF	2007/04/02 09:33
S50	1	"6188092".pn. and potential	USPAT	OR	OFF	2007/04/02 09:33
S51	1	"6188092".pn. and (potential adj barrier)	USPAT	OR	OFF	2007/04/02 09:33
S52	1	"6180969".pn. and (potential adj barrier)	USPAT	OR	OFF	2007/04/02 10:40
S53	1	"6180969".pn. and (overflow)	USPAT	OR	OFF	2007/04/02 10:43

## EAST Search History

S54	0	"6180969".pn. and (channel adj stop)	USPAT	OR	OFF	2007/04/02 10:43
S55	1	"6180969".pn. and (channel)	USPAT	OR	OFF	2007/04/02 10:43
S56	0	"6180969".pn. and (stop)	USPAT	OR	OFF	2007/04/02 10:44
S57	0	"5831298".pn. and (amp)	USPAT	OR	OFF	2007/04/02 10:45
S58	0	"5831298".pn. and (pot)	USPAT	OR	OFF	2007/04/02 10:45
S59	1	"5831298".pn. and (amp\$8)	USPAT	OR	OFF	2007/04/02 10:45
S60	0	"5831298".pn. and (oxidize\$4)	USPAT	OR	OFF	2007/04/02 10:46
S61	0	"5831298".pn. and (oxidiz\$4)	USPAT	OR	OFF	2007/04/02 10:46
S62	0	"5831298".pn. and (buried)	USPAT	OR	OFF	2007/04/02 10:46
S63	0	"5831298".pn. and (isolation)	USPAT	OR	OFF	2007/04/02 10:47
S64	0	"5831298".pn. and (rpi)	USPAT	OR	OFF	2007/04/02 10:47
S65	0	"5831298".pn. and (epi)	USPAT	OR	OFF	2007/04/02 10:47
S66	0	"5831298".pn. and (epi\$8)	USPAT	OR	OFF	2007/04/02 10:48
S67	0	"6778214".pn. and (epi\$8)	USPAT	OR	OFF	2007/04/02 10:48
S68	1	"6778214".pn. and (amp\$8)	USPAT	OR	OFF	2007/04/02 10:50
S69	0	"6778214".pn. and (buried)	USPAT	OR	OFF	2007/04/02 10:50
S70	0	"6778214".pn. and (burried)	USPAT	OR	OFF	2007/04/02 10:50
S71	0	"6778214".pn. and (isolation)	USPAT	OR	OFF	2007/04/02 10:50
S72	0	"6778214".pn. and (impurity)	USPAT	OR	OFF	2007/04/02 10:50
S73	0	"6778214".pn. and (concentration)	USPAT	OR	OFF	2007/04/02 15:46
S74	1	"6180969".pn. and (amp\$8)	USPAT	OR	OFF	2007/04/02 17:33
S75	1350	joni hsu.xa.	USPAT	OR	OFF	2007/04/02 17:33
S76	53	joni and hsu.xa.	USPAT	OR	OFF	2007/04/02 17:34
S77	4353	photodiode and (mos or fet)	USPAT	OR	OFF	2007/04/05 08:39
S78	244	S77 and (potential adj barrier)	USPAT	OR	OFF	2007/04/05 08:41
S79	61	S77 and (channel adj stopper)	USPAT	OR	OFF	2007/04/05 08:47
S80	10	S79 and Canon.as.	USPAT	OR	OFF	2007/04/05 08:47
S81	51	S79 not S80	USPAT	OR	OFF	2007/04/05 08:55
S82	51	S81 and photodiode and (mos or fet)	USPAT	OR	OFF	2007/04/05 08:55

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S19	4	(overflow) adj5 (formed or in) adj5 (potential adj barrier)	US-PGPUB; USPAT	OR	OFF	2007/03/30 13:45
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S34	0	"9724763".ap.	USPAT	OR	OFF	2007/04/02 09:01
S35	0	"9724763".ap.	USPAT	OR	OFF	2007/04/02 09:01
S36	0	"09724763".ap.	USPAT	OR	OFF	2007/04/02 09:01
S37	5	"724763".ap.	USPAT	OR	OFF	2007/04/02 09:01
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S40	0	"6778214".pn. and amplify\$3	USPAT	OR	OFF	2007/04/02 09:02
S41	0	"6778214".pn. and amplify	USPAT	OR	OFF	2007/04/02 09:02
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S52	1	"6180969".pn. and (potential adj barrier)	USPAT	OR	OFF	2007/04/02 10:40
S53	1	"6180969".pn. and (overflow)	USPAT	OR	OFF	2007/04/02 10:43

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S58	0	"5831298".pn. and (pot)	USPAT	OR	OFF	2007/04/02 10:45
S59	1	"5831298".pn. and (amp\$8)	USPAT	OR	OFF	2007/04/02 10:45
S60	0	"5831298".pn. and (oxidize\$4)	USPAT	OR	OFF	2007/04/02 10:46
S61	0	"5831298".pn. and (oxidiz\$4)	USPAT	OR	OFF	2007/04/02 10:46
S62	0	"5831298".pn. and (buried)	USPAT	OR	OFF	2007/04/02 10:46
S63	0	"5831298".pn. and (isolation)	USPAT	OR	OFF	2007/04/02 10:47
S64	0	"5831298".pn. and (rpi)	USPAT	OR	OFF	2007/04/02 10:47
S65	0	"5831298".pn. and (epi)	USPAT	OR	OFF	2007/04/02 10:47
S66	0	"5831298".pn. and (epi\$8)	USPAT	OR	OFF	2007/04/02 10:48
S67	0	"6778214".pn. and (epi\$8)	USPAT	OR	OFF	2007/04/02 10:48
S68	1	"6778214".pn. and (amp\$8)	USPAT	OR	OFF	2007/04/02 10:50
S69	0	"6778214".pn. and (buried)	USPAT	OR	OFF	2007/04/02 10:50
S70	0	"6778214".pn. and (burried)	USPAT	OR	OFF	2007/04/02 10:50
S71	0	"6778214".pn. and (isolation)	USPAT	OR	OFF	2007/04/02 10:50
S72	0	"6778214".pn. and (impurity)	USPAT	OR	OFF	2007/04/02 10:50
S73	0	"6778214".pn. and (concentration)	USPAT	OR	OFF	2007/04/02 15:46
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